setting received from the user and cause the personalized therapy programs to be stored in a medical device via the telemetry block wherein the patient can subsequently instruct the medical device via the patient programmer to provide therapy to the patient in accordance with one of the personalized therapy programs or a preset clinician therapy program.

32.   The patient programmer of claim 31 wherein the controller executes a personalized therapy algorithm.

33.   The patient programmer of claim 31 wherein the controller executes a timing algorithm.

34.   The patient programmer of claim 31 wherein the input medium is a graphical screen interface to create the personalized therapy program.

35.   The patient programmer of claim 31 wherein the telemetry block is capable of communicating with an implantable neuro stimulator.

36.   The patient directed therapy management system of claim 31 wherein the telemetry block is capable of communicating with an external neuro stimulator.

37.   The patient programmer of claim 31 wherein the personalized therapy program is based on the patient's activity.

38.   The patient programmer of claim 31 wherein the personalized therapy program is

based on a time of day.

a new claim

39.   The patient programmer of claim 38 wherein the controller is capable of programming the implanted device to provide therapy to the patient in accordance with the personalized therapy program associated with the particular time of day.

Add → N2

CONCLUSION

The applicants respectfully submit that the instant application is in condition for allowance, and respectfully solicit prompt notification of the same. Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the number set forth below.

Respectfully submitted,

Banner & Witcoff, Ltd.

Dated: October 11, 2002   By: _____

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